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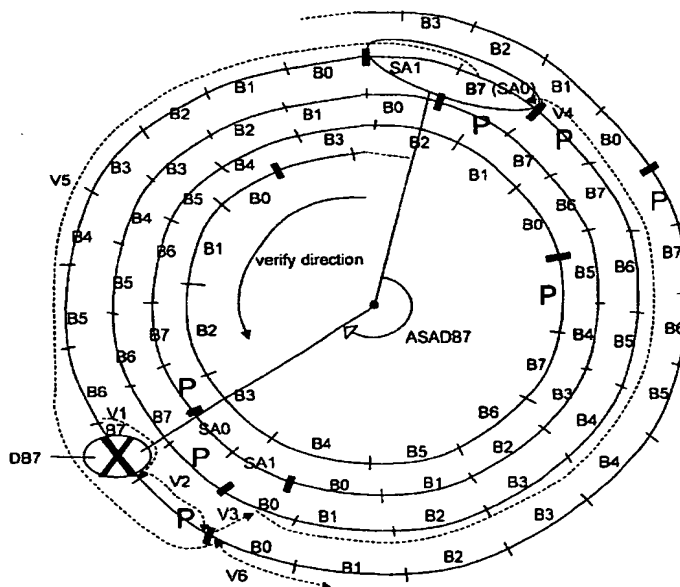
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(54) Title: METHOD AND APPARATUS FOR RECORDING A DATA STREAM ON A STORAGE MEDIUM



(57) Abstract: The resistance against recording defects (D) of a write-once optical disk is enhanced allowing realtime recording and playback of data streams with a single speed disk drive. A data stream is recorded in data blocks (B0, B1, ...) on the optical disk. An error correction block (P) for one or more data blocks is generated and written on the same optical disk during recording. A spare data area (S) is kept blank on the storage medium and used for storing a defect data block reconstructed by using the error correction block.

WO 2004/029963 A3



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**A. CLASSIFICATION OF SUBJECT MATTER**  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/020261 A1 (ITO SEIGO ET AL) 6 September 2001 (2001-09-06) paragraph '0003! - paragraph '0024!; figures 5-10 paragraph '0192! - paragraph '0248!	1,3-6,8, 13
A	US 2002/001272 A1 (FUKUSHIMA YOSHIHISA ET AL) 3 January 2002 (2002-01-03) abstract; figures 1-4,6 paragraph '0006! - paragraph '0008! paragraph '0025! - paragraph '0039! paragraph '0048! - paragraph '0055! claims 1,9  ----- -/--	1,3-6,8, 13

☒ Further documents are listed in the continuation of box C.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 239 478 A (MATSUSHITA ELECTRIC IND CO LTD) 11 September 2002 (2002-09-11) column 1, line 7 - line 36 column 4, line 11 - line 23 column 6, line 1 - column 7, line 16 column 15, line 4 - column 16, line 17 figures 1,3	1,2,5-8, 13
A	US 6 189 110 B1 (KIBASHI AKIRA ET AL) 13 February 2001 (2001-02-13) abstract; figures 4,6 column 1, line 40 - column 2, line 56 column 4, line 23 - column 5, line 29 claims 1-5	1,5,7,8, 13
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